

Datasheet for ABIN7193335
anti-TIM3 antibody (AA 224-301)

3 Images

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Overview

Quantity:	0.1 mg
Target:	TIM3 (TIM 3)
Binding Specificity:	AA 224-301
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIM3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human TIM3 (AA: 224-301) expressed in E. coli.
Clone:	5A7D12
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TIM3 (TIM 3)
Alternative Name:	TIM3 (TIM 3 Products)
Target Type:	Virus

Target Details

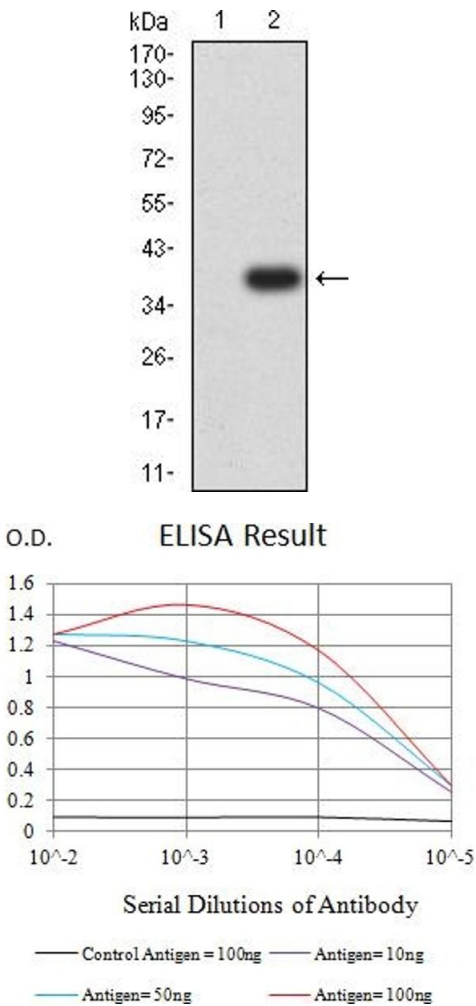
Background:	<p>Description: The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.</p> <p>Aliases: HAVCR2, CD366, KIM-3, TIMD3, Tim-3, TIMD-3, HAVcr-2</p>
Molecular Weight:	33.4 kDa
Gene ID:	84868
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Cancer Immune Checkpoints

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: N/A, ICC: N/A, IHC: N/A
Restrictions:	For Research Use only

Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



Western Blotting

Image 1. Western blot analysis using TIM3 mAb against HEK293 (1) and TIM3 (AA: 224-301)-hlgGFc transfected HEK293 (2) cell lysate.

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using TIM3 mAb against human TIM3 (AA: 224-301) recombinant protein. (Expected MW is 34.9 kDa)